



Technical Bulletin

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Jetta Hybrid	2013-2014	1.4L (CNLA)	All	All	All

Condition

93 13 01 March 5, 2013 2033196

Required Parts for E-Machine / Traction Motor Replacement or Re-installation

Technical Background

Special parts and tools will be needed whenever an electric motor replacement is performed on the Jetta Hybrid. This bulletin lists all parts that will be required when performing the following repairs. Always use the required tools outlined in the repair procedures.

Production Solution

Not Applicable.

Service



Note:

Replacement of the traction motor on the Jetta Hybrid may **only** be performed by high-voltage certified technicians.

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WARNING:

Danger of damaging the components.

- Always follow the guidelines for clean working conditions when working on the electro-drive drive motor
- Secure the engine to the scissor lift table -VAS 6131- with mount -VAS 6131/13-7- when installing the electro-drive drive motor.
- Counter-hold the E-machine mounting hub with the counter-holder -T10516- and a suitable lever when tightening the central bolt.
- Remove and attach the electro-drive drive motor to the engine only with the guide pins -T10515- installed.
- The central bolt has a **left-hand thread**.
- The correct tools must be used to tighten the central bolt due to the high torque needed.

Please **carefully** follow repair procedures published in repair manual group 10 engine assembly for:

1. Engine Removal
2. Engine and Transmission Separating
3. Electro-Drive Drive Motor Separating from Engine
4. Attaching New Electro-Drive Drive Motor (or Re-Installing to Engine)
5. Engine and Transmission Attaching
6. Engine Installing

Warranty

Information only.



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Required Parts and Tools

Part Number	Part Description	Quantity Required
5C0 901 152 B	Traction Motor (If Replacing)	1
5C0 198 352	Adjustment Washer Set (If Replacing)	1
03H 105 313	Needle Bearing	1
03M 115 112	Sealing Bushing for K0 Clutch	1
03M 121 215	Sealing Bushing for Coolant Lines to E-Machine	2
N 911 457 01	Center Bolt M16x1.5LHx85mm	1
WHT 005 467	Hub Bolt M10x1.00x18.5mm	6

Additional Information

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.